



September 10, 2019

**Sent via Electronic Mail**

Director, Emergency and Remedial Response Division  
Attn: Chief, New Jersey Remediation Branch, Pohatcong Site  
United States Environmental Protection Agency Region 2  
290 Broadway, 19th Floor  
New York, New York 10007

New Jersey Superfund Branch  
Office of Regional Counsel  
United States Environmental Protection Agency Region 2  
290 Broadway, 17th Floor  
New York, New York 10007  
Attention: Attorney for Pohatcong Site

New Jersey Department of Environmental Protection  
ATTN.: Fred Mumford  
380 Scotch Road  
West Trenton, New Jersey 08628  
(via *electronic mail only*)

**Re: Monthly Progress Report No. 54  
Reporting Period August 1, 2019 to August 31, 2019  
2014 Vapor Intrusion Removal Action at the Washington Facility  
Pohatcong Valley Groundwater Contamination Superfund Site  
Warren County, New Jersey**

Dear Pohatcong Consent Decree Notice Recipients:

On behalf of Pechiney Plastics Packaging, Inc. (PPPI), the Primary Settling Defendant for the Remedial Design/Remedial Action Consent Decree (CD)<sup>1</sup>, Ramboll US Corporation (Ramboll) submits this monthly progress report in compliance with Section X, Paragraph 30 of the CD and Appendix B-3 to the CD, Statement of Work for the 2014 Vapor Intrusion Removal Action at the Washington Facility (2014 VI Removal Action SOW) at the Pohatcong Valley Groundwater Contamination Superfund (PVGCS) Site. This report provides a description of the actions and

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<sup>1</sup> In the matter of United States of America v. PPPI (Civil Action No. 09-cv-05692) and United States of America v. Bristol Myers Squibb Company, et. al. (Civil Action No. 14-cv-05798) effective March 11, 2015.

activities undertaken pursuant to the CD and related to the 2014 VI Removal Action SOW during this reporting period and plans, actions and data scheduled in the next 8 weeks.

## **Actions Taken toward Compliance with Consent Decree, including Community Relations**

The following activities were performed during this reporting period:

- The long-term soil vapor extraction (SVE) system and east wall sub-slab depressurization system (SSDS) continued operation during this reporting period. The SVE system is currently operating at an overall vacuum of 7 inches Hg with an average inlet flow rate of approximately 440 cubic feet per minute (CFM).
- During this period the 500 CFM SVE system operated 98% of the time (i.e., a total of 726 hours over 31 days) and the east wall SSDS operated 100% of the time.
- The Monthly Progress Report No. 53 for the VI Removal Action at the Washington facility reporting June 2019 activities was submitted to the USEPA in a letter dated August 10, 2019.
- Notification of off-site transportation and disposal of spent granular activated carbon (GAC) from the Soil Vapor Extraction and Mitigation System was submitted to the USEPA Remedial Project Manager in email correspondence on August 30, 2019 and to the USEPA On-Scene Coordinators on September 6, 2019.
- Ramboll collected sub-slab vapor monitoring port vacuum and photoionization detector (PID) measurements on August 30, 2019. These measurements and the SVE blower runtime for the August 2019 reporting period are included in the summary table in Attachment 1. The locations of the SSDS wells and vapor monitoring points are provided in Attachment 2.

## **Routine OM&M Events:**

The following routine OM&M events were conducted during this reporting period:

- None during this period.

## **Problems Encountered, Actions Taken and Their Resolutions**

The following problems were encountered during this reporting period:

- The blower for SSDS-05 located on the east wall of the facility malfunctioned in July 2019. After troubleshooting, it was determined that the blower motor had seized. The blower unit was replaced and SSDS-05 returned to operation on August 1, 2019.
- On August 21, 2019, the SVE system shut down briefly due to a blower motor VFD fault relating to an electrical power surge. Treatment system operators responded to reset SVE blower VFD fault alarm and restored the system to operation.

## **Analytical Results and Data Received During the Reporting Period**

The following analytical data were received during this reporting period:

- None during this period.

## **Anticipated Plans, Actions and Data Scheduled (during the Next 8 weeks)**

The following activities are planned for the next eight weeks:

- One round of measurements of the SVE system and SSDS is planned to be performed in September 2019.
- Spent GAC from the SVE system is scheduled to be transported off-site on September 9, 2019.

## **Delays Encountered or Anticipated, and Efforts Taken to Mitigate**

The following delays were encountered during this reporting period:

- None during this period.

## **Closing**

If you have any questions or comments regarding this monthly progress report, please feel free to contact me.

Sincerely,



Luis Hidalgo  
Project Coordinator

## **Attachments:**

- (1) SVE/SSDS Measurements, August 30, 2019
- (2) Locations of SVE Wells, SSDS Extraction Wells, and Vapor Monitoring Points

cc:

*Via Electronic Mail*  
Michelle Granger – USEPA, Region 2  
Dave Cline – Rio Tinto  
Jeff Armington – Rio Tinto  
Bruce White – Barnes & Thornburg LLP  
Daniel Fortaney, Albéa Americas  
Felix Miranda, Albéa Americas  
Russell Gladd, Albéa Americas  
Bruce Kennington – Ramboll

## **ATTACHMENT 1**

**SVE/SSDS Measurements**

**August 30, 2019**

**SVE/SSDS Measurements, August 30, 2019**  
**Vapor Intrusion Response Activities**  
**Alb a Americas, Washington Facility**  
**191 Route 31 North, Washington, Warren County, New Jersey**

Sub Slab Measurement Location	PID (ppm)	Vacuum (inches of water)
CDM-SS-01	0.826	-0.123
CDM-SS-02N	1.469	-2.534
CDM-SS-02S	1.405	-2.531
CDM-SS-03	1.549	-0.077
CDM-SS-04	0.000	-0.029
CDM-SS-05	2.504	-0.003
CDM-SS-06	0.310	-0.003
<sup>1</sup> CDM-SS-07	---	---
CDM-SS-08	1.447	-2.400
<sup>1</sup> CDM-SS-09	---	---
CDM-SS-10	9.240	-0.003
EPA-SS-11	0.442	-0.013
EPA-SS-12	2.753	-0.200
EPA-SS-13	0.790	-0.008
EPA-SS-14	1.529	-0.004
EPA-SS-15	3.794	-0.003
EPA-SS-16	1.043	-0.020
EPA-SS-17	1.305	-0.140
EPA-SS-18	1.376	-0.130
EPA-SS-19	1.787	-0.092
EPA-SS-20	1.170	-0.022
EPA-SS-21	2.260	-1.302
EPA-SS-22	3.574	-1.227
EPA-SS-23	14.300	-0.011
<sup>1</sup> EPA-SS-24	---	---
EPA-SS-25	4.471	-0.002
<sup>1</sup> EPA-SS-26	---	---
EPA-SS-27	2.029	-0.356
EPA-SS-28	0.000	-0.044
EPA-SS-29	0.085	-0.313
EPA-SS-30	0.501	-1.966
EPA-SS-31	0.924	-1.098
EPA-SS-32	2.533	-0.709
VP-2	2.953	-2.225
VP-3	1.175	-0.281
VP-7	1.033	-0.905
VP-10	2.350	-0.079
VP-11	3.159	-0.002
VP-12	0.602	-0.036
VP-13	0.549	-0.016
VP-14	1.064	-0.277
<sup>1</sup> VP-15	---	---
VP-16	3.062	-0.559

SVE/SSDS Measurement Location	PID (ppm)	Vacuum (inches of water)
SSDS-01	4.299	-25
SSDS-02	3.355	-37
SSDS-03	0.616	-12
SSDS-04	3.048	-37
SSDS-05	0.410	-4
<sup>2</sup> SSDS-06	---	---
<sup>2</sup> SSDS-07	---	---
<sup>2</sup> SSDS-08	---	---
<sup>2</sup> SSDS-09	---	---
<sup>2</sup> SSDS-10	---	---
SVE-1	0.799	-65
SVE-2	1.993	-65
SVE-3	1.866	-75
SVE-4	6.230	-65
SVE-5	37.200	-69
SVE-6	1.084	-72
SVE-7	11.100	-70
SVE-8	0.966	-57
SVE-9	0.844	-67
SVE-10	1.119	-70
SVE-11	1.201	-65
SVE-12	0.874	-66
SVE-13P	1.240	-48
SVE-14P	2.043	-64
SVE-15P	3.529	-25
SVE-16P	2.244	-35

Vapor Phase GAC Measurements	
Location	PID (ppm)
VGAC1 IN	3.386
VGAC1 OUT	0.730
VGAC2 OUT	0.320

Summary of SVE Blower Runtime for Reporting Period	
Hour Meter at end of Previous Reporting Period (Hours)	2,539
Hour Meter at end of Current Period (8/31/2019) (Hours)	3,265
Total SVE Blower Runtime for Reporting Period (Hours)	726

**Notes:**

- 1 Vapor monitoring point not accessible; no measurement collected.
- 2 Locations SSDS-06 through SSDS-10 (West Wall) are for standby use only and were not operational at the time of measurement.

## **ATTACHMENT 2**

**Locations of SVE Wells, SSDS Extraction Wells, and Vapor Monitoring Points**

TPENNSI 10/13/15 [SMPL\_VAC&PID\_0211697\_J F:0211697\_FINAL VI REPORT

